

BOX PATENT APPLICATION  
ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

HAND DE  
PATENT  
Case Docket No. 36856.610  
Date: March 5, 2002

03/05/02  
J113 U.S. PTO

J1046 U.S. PTO  
10/090150  
03/05/02

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Yoshihiro IKEDA and Kunio SAWAI

For: PIEZOELECTRIC RESONATOR AND FM DETECTION CIRCUIT INCORPORATING THE SAME

Applicant(s) claim(s) benefit under 35 U.S.C. § 119(e) of United States provisional application No. filed \_\_\_\_\_

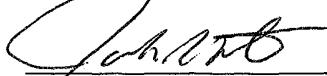
## Enclosed are:

32 Pages of Specification  
 7 Sheet(s) of drawings ( formal  informal)  
 Declaration and Power of Attorney  Will follow.  
 Form PTO-1595 and an Assignment of the invention to Murata Manufacturing Co., Ltd. of 26-10 Tenjin 2-chome, Nagaokakyō-shi, Kyoto-fu 617-8555, JAPAN  Will follow  
 A certified copy of Japanese Patent Appln. No. 2001-089064, filed on March 27, 2001, from which priority is claimed in the subject case pursuant to Rule 55b and 35 U.S.C. 119.  Will follow  
 A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.  
 Information Disclosure Statement, Form PTO 1449, and 3 cited reference(s).  
 Change of Correspondence Address  
 Preliminary Amendment  
 General authorization/request to Petition for Extensions of Time  
 Return Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$370.00	OR		\$740.00
TOTAL CLAIMS	22	-20=	-0-	\$	OR	X 18	\$36.00
INDEP CLAIMS	4	-3=	-0-	\$	OR	X 84	\$84.00
MULTIPLE				\$	OR	+ 260	\$0-
DEP CLAIMS						TOTAL:	\$860.00
PRESENTED			X 9 X 40 X+ 130	TOTAL =			

Please charge my Deposit Account No. 50-1353 the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.  
 Check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.  
 Please charge my Credit Card the amount of \$860.00. Please see the enclosed Credit Card Payment Form (PTO-2038)  
 Credit Card Payment Form for \$40.00 covering the Assignment Recordation Fee is enclosed.  
  
 The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1353. A duplicate copy of this sheet is enclosed.  
 Any additional filing fees required under 37 CFR 1.16.  
 Any patent application processing fees under 37 CFR 1.17.  
  
 The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-1353. A duplicate copy of this sheet is enclosed.  
 Any patent application processing fees under 37 CFR 1.17.  
 The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).  
 Any filing fees under CFR 1.16 for presentation or extra claims.

Respectfully submitted,



Joseph R. Keating  
Registration No. 37,368

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The PTO did not receive the following  
listed item(s) post card

03/05/02  
JC662 U.S. PTO

PATENT

Docket No:36856.610

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Yoshihiro IKEDA and Kunio SAWAI

For: PIEZOELECTRIC RESONATOR AND FM DETECTION CIRCUIT  
INCORPORATING THE SAME

CERTIFICATE OF HAND DELIVERY

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Date of Deposit: March 5, 2002

I hereby certify that an application for patent, including:  
One-page cover sheet; 32 pages of Specification (which includes 22 claims and a one-page Abstract); 7 Sheets of formal Drawings; an executed Combined Declaration and Power of Attorney; a General Authorization/Request to Petition for Extensions of Time; a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$860.00 to cover the filing fee; an executed Assignment document and Form PTO 1595, along with a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$40.00 to cover the assignment recordation fee; one (1) Priority Document, an Information Disclosure Statement including 3 reference; a Transmittal Letter (Form PTO 1082); and Return Postcard are being deposited with the U.S. Patent Office at the Customer Service Window of the U.S. Patent Office on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Date of Deposit: March 5, 2002

  
Joseph R. Keating

VIA HAND DELIVERY  
PATENT  
36856.610

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Yoshihiro IKEDA and Kunio SAWAI Serial No.: Currently unknown Filing Date: Concurrently herewith <b>For: PIEZOELECTRIC RESONATOR AND FM DETECTION CIRCUIT INCORPORATING THE SAME</b>	
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**GENERAL AUTHORIZATION/REQUEST TO PETITION FOR EXTENSIONS OF TIME**

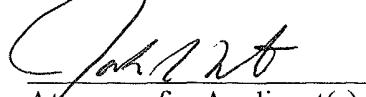
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicant(s) hereby authorize(s) and request(s) the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17, or credit any overpayment of same, to Deposit Account No. 50-1353. A duplicate copy of this general authorization is enclosed.

Respectfully submitted,

  
John R. Keating  
Attorneys for Applicant(s)

Joseph R. Keating  
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DEPOSIT ACCOUNT NO. 50-1353

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

03/11/2002 SFELEKE1 00000031 10090150

01 FC:101 740.00 OP  
02 FC:102 84.00 OP

03/13/2002 SFELEKE1 00000001 10090150

01 FC:103 36.00 OP

PTO-1556  
(5/87)